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Manufacturers' Shipments, Inventories, and Orders

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Effective with this report, the Bureau of the Census will issue the monthly report on Manufacturers' Shipments, Inventories, and Orders which was previously published by the Office of Business Economics under the title "Industry Survey." The data in this new series are based on an extensive modification of the monthly Industry Survey program. A detailed explanation of the major changes made in the survey, as well as revised data for prior periods, are presented in a comprehensive report, "Manufacturers' Shipments, Inventories, and Orders: 1947-1963 Revised." This comprehensive report may be purchased for \$1.00 per copy from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Manufacturers' shipments and new orders increased somewhat from September to October. With the new orders booked during October slightly higher than shipments, the backlog of unfilled orders rose to a level of \$50.1 billion. Inventories, seasonally adjusted, increased about 1 percent in October, with much of the rise occurring in the nondurable goods industries.

Shipments by durable goods manufacturers increased about 3 percent in October from September, after seasonal adjustment, to a level of \$18.5 billion. The October rise was mainly attributable to increases in the primary metals and motor vehicles and parts industries, although almost all major durable goods industries showed some increases.

Seasonally adjusted shipments by the nondurable goods industries remained virtually the same in October as in September at \$16.7 billion, although shipments of chemicals were higher.

In terms of market categories, automotive equipment and construction materials, supplies, and intermediate products showed substantial increases of about 6 percent and 5 percent, respectively, from the September to October levels, after seasonal adjustment. Consumer staples was the only market group that declined.

New orders booked by the durable goods manufacturers increased to \$18.6 billion in October, seasonally adjusted, up 2 percent from September. A major portion of this increase was accounted for by the steel mills. The only major durable industry group to show decline was the aircraft and parts industry, where there was a substantial decrease from the higher September figure.

Unfilled orders held by durable goods manufacturers amounted to \$47.2 billion at the end of October, seasonally adjusted, up slightly from the September level.

Manufacturers' inventory book values at the end of October amounted to \$59.4 billion, after seasonal adjustment, up almost \$400 million from September. Manufacturers of nondurable goods increased their stocks by about \$200 million.

Prepared by Bureau of the Census, Industry Division, Manufacturers' Shipments, Inventories, and Orders Branch

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Annual subscription \$1.00; 35 cents additional for foreign mailing. Single copies available from the U.S. Department of Commerce, Bureau of the Census, Washington, D.C. 20233, at 10 cents each.



U. S. DEPARTMENT OF COMMERCE Luther H. Hodges, Secretary

BUREAU OF THE CENSUS Richard M. Scammon, Director

Table 1.--VALUE OF MANUFACTURERS' SHIPMENTS AND INVENTORIES, BY INDUSTRY GROUP: OCTOBER 1963
(Millions of dollars)

Industry group	Seasonally adjusted			Without seasonal adjustment ¹			Seasonally adjusted			Without seasonal adjustment		
	Oct. 1963P	Sept. 1963R	Aug. 1963	Oct. 1963P	Sept. 1963R	Aug. 1963	Oct. 1963P	Sept. 1963R	Aug. 1963	Oct. 1963P	Sept. 1963R	Aug. 1963
	Shipments ²						Total inventories					
All manufacturing industries, total..	35,157	34,672	34,736	36,769	36,028	33,761	59,408	59,087	58,917	59,116	58,837	58,681
Durable goods industries, total.....	18,489	17,937	18,160	19,075	18,278	16,880	35,676	35,536	35,507	35,395	35,370	35,301
Stone, clay, and glass products.....	987	938	914	1,089	1,042	1,035	1,515	1,551	1,535	1,452	1,494	1,500
Primary metals, total.....	2,862	2,742	2,857	2,885	2,788	2,755	5,875	5,849	5,828	5,923	5,892	5,804
Blast furnaces, steel mills.....	1,467	1,392	1,479	1,481	1,421	1,454	3,497	3,496	3,455	3,556	3,507	3,445
All other primary metals.....	1,395	1,550	1,578	1,404	1,567	1,501	2,578	2,553	2,573	2,367	2,345	2,359
Fabricated metal products, total.....	1,929	1,855	1,874	2,038	1,986	1,990	3,914	3,889	3,953	3,837	3,858	3,975
Metal cans, barrels, and drums.....	214	183	190	216	228	249	415	412	398	375	387	415
Machinery, except electrical, total.....	2,605	2,610	2,565	2,533	2,595	2,392	6,810	6,763	6,759	6,694	6,641	6,676
Engines and turbines.....	153	188	179	143	185	146	449	450	458	453	445	456
Farm machinery and equipment.....	239	250	222	221	238	199	650	640	637	606	604	614
Construction, mining, and materials handling equipment.....	481	463	445	463	464	446	1,165	1,174	1,159	1,133	1,139	1,136
Metalworking machinery.....	168	184	185	170	189	161	671	650	640	668	647	644
General industrial machinery.....	189	189	185	192	195	186	486	489	491	482	485	486
Electrical machinery, total.....	2,377	2,370	2,433	2,513	2,559	2,364	5,053	4,997	5,009	4,962	4,942	4,998
Electrical transmission and distribution equipment and industrial apparatus.....	487	480	512	498	516	482	1,175	1,179	1,162	1,162	1,153	1,151
Household appliances, including radio and TV.....	538	544	600	593	639	609	1,123	1,091	1,089	1,059	1,046	1,075
Communication equipment.....	580	596	567	591	614	543	1,318	1,303	1,342	1,317	1,303	1,343
Transportation equipment, total.....	5,146	4,897	4,979	5,254	4,553	3,648	7,317	7,378	7,311	7,385	7,466	7,198
Motor vehicles and parts.....	3,349	3,155	2,997	3,529	2,791	1,841	2,719	2,667	2,731	2,768	2,790	2,652
Aircraft and parts.....	1,407	1,344	1,588	1,350	1,367	1,446	3,802	3,899	3,749	3,808	3,869	3,712
Instruments and related products.....	592	577	588	614	625	569	1,467	1,446	1,434	1,466	1,437	1,442
All other durable goods industries.....	1,993	1,948	1,950	2,149	2,130	2,127	3,725	3,663	3,698	3,676	3,680	3,708
Nondurable goods industries, total.....	16,668	16,735	16,576	17,694	17,750	16,881	23,732	23,551	23,410	23,721	23,467	23,380
Food and kindred products, total.....	5,836	5,916	5,835	6,149	6,241	5,797	6,037	5,979	5,917	6,377	6,143	5,919
Meat products.....	1,317	1,392	1,409	1,389	1,428	1,365	558	584	581	545	545	544
Tobacco products.....	382	377	393	381	385	409	2,331	2,339	2,341	2,336	2,295	2,219
Textile mill products.....	1,523	1,401	1,364	1,456	1,515	1,427	2,778	2,668	2,689	2,605	2,589	2,660
Paper and allied products, total.....	1,567	1,595	1,523	1,421	1,453	1,366	1,760	1,743	1,728	1,731	1,711	1,731
Pulp, paper, etc.....	616	607	599	620	620	672	672	667	663	670	658	663
Chemicals and allied products, total.....	2,646	2,578	2,529	2,746	2,736	2,526	3,748	3,722	3,718	3,678	3,660	3,697
Industrial chemicals, except pigments..	884	851	860	895	876	847	1,102	1,111	1,109	1,086	1,094	1,104
Petroleum and coal products.....	1,417	1,451	1,477	1,432	1,456	1,475	1,778	1,830	1,852	1,835	1,875	1,862
Rubber and plastics products, n.e.c.....	803	772	757	867	799	736	1,163	1,155	1,164	1,146	1,142	1,149
All other nondurable goods industries....	2,894	2,845	2,918	3,242	3,165	3,145	4,137	4,115	4,001	4,013	4,052	4,143

^PPreliminary.^RRevised.¹Adjusted for trading-day and calendar month variation.

Table 2.--VALUE OF MANUFACTURERS' NEW AND UNFILLED ORDERS, BY INDUSTRY GROUP: OCTOBER 1963
(Millions of dollars)

Industry group	Seasonally adjusted			Without seasonal adjustment ¹			Seasonally adjusted			Without seasonal adjustment		
	Oct. 1963P	Sept. 1963r	Aug. 1963	Oct. 1963P	Sept. 1963r	Aug. 1963	Oct. 1963P	Sept. 1963r	Aug. 1963	Oct. 1963P	Sept. 1963r	Aug. 1963
New orders												
All manufacturing industries, total..	35,285	34,991	33,938	36,537	36,217	33,779	50,137	49,982	49,552	49,905	50,131	49,945
Durable goods industries, total.....	18,588	18,244	17,068	18,849	18,502	16,946	47,238	47,070	46,695	47,071	47,306	47,086
Primary metals, total.....	2,967	2,712	2,486	2,891	2,671	2,479	3,855	3,822	3,862	3,671	3,665	3,779
Blast furnaces, steel mills.....	1,584	1,371	1,198	1,515	1,329	1,229	2,167	2,102	2,150	2,000	1,965	2,055
Fabricated metal products.....	1,906	1,808	1,950	1,971	1,937	2,016	4,116	4,124	4,191	4,141	4,211	4,259
Machinery, except electrical, total.....	2,644	2,608	2,529	2,577	2,568	2,369	6,865	6,780	6,764	6,794	6,748	6,774
Engines and turbines.....	132	173	184	130	162	138	1,337	1,361	1,371	1,331	1,343	1,366
Construction, mining, and material handling.....	479	436	433	446	433	423	1,211	1,188	1,200	1,161	1,179	1,209
Metalworking machinery.....	211	174	189	205	192	171	929	874	889	924	888	884
General industrial machinery.....	198	194	176	199	195	182	494	481	470	489	481	479
Electrical machinery, total.....	2,387	2,263	2,568	2,446	2,638	2,421	7,043	7,062	7,122	7,183	7,252	7,175
Electrical transmission and distribution equipment and industrial apparatus.....	523	495	518	523	533	484	1,554	1,535	1,532	1,573	1,548	1,531
Household appliances, including radio and TV.....	545	499	656	584	597	663	392	385	425	416	425	466
Communication equipment.....	552	546	647	550	739	570	3,431	3,455	3,443	3,493	3,535	3,412
Transportation equipment, total.....	5,140	5,430	4,013	5,246	5,055	3,987	20,122	19,998	19,481	20,129	20,139	19,646
Aircraft and parts.....	1,397	1,754	1,484	1,412	1,796	1,577	15,302	15,199	14,819	15,392	15,378	14,960
All other durable goods industries.....	3,544	3,423	3,522	3,718	3,633	3,674	5,237	5,284	5,275	5,153	5,291	5,453
Nondurable goods industries, total.....	16,697	16,747	16,870	17,688	17,715	16,833	2,899	2,912	2,857	2,834	2,825	2,859
Industries with unfilled orders.....	4,422	4,495	4,490	4,698	4,753	4,453	2,899	2,912	2,857	2,834	2,825	2,859
Industries without unfilled orders.....	12,275	12,252	12,380	12,990	12,962	12,380

^PPreliminary.^rRevised.¹Adjusted for trading-day and calendar month variation.

Table 3.--VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP: OCTOBER 1963
(Millions of dollars)

Industry group	Seasonally adjusted			Without seasonal adjustment			Seasonally adjusted			Without seasonal adjustment		
	Oct. 1963P	Sept. 1963r	Aug. 1963	Oct. 1963P	Sept. 1963r	Aug. 1963	Oct. 1963P	Sept. 1963r	Aug. 1963	Oct. 1963P	Sept. 1963r	Aug. 1963
Total												
All manufacturing industries, total..	59,408	59,087	58,917	59,116	58,837	58,681	20,716	20,629	20,675	20,833	20,562	20,562
Durable goods industries, total.....	35,676	35,536	35,507	35,395	35,370	35,301	10,931	10,896	10,981	11,072	11,099	11,077
Stone, clay, and glass products.....	1,515	1,551	1,535	1,452	1,494	1,500	489	497	501	489	503	498
Primary metals.....	5,875	5,849	5,828	5,923	5,852	5,804	2,249	2,232	2,203	2,409	2,339	2,291
Machinery (electrical and nonelectrical). .	11,863	11,760	11,768	11,656	11,583	11,674	3,002	3,030	3,089	2,949	2,980	3,052
Transportation equipment.....	7,317	7,378	7,311	7,385	7,466	7,198	1,990	1,979	1,990	2,074	2,117	2,320
All other durable goods industries.....	9,106	8,998	9,065	8,979	8,975	9,125	3,201	3,158	3,198	3,151	3,160	3,216
Nondurable goods industries, total.....	23,732	23,551	23,410	23,721	23,467	23,380	9,785	9,733	9,694	9,761	9,463	9,485
Chemicals and allied products.....	3,748	3,722	3,718	3,678	3,660	3,697	1,315	1,329	1,341	1,307	1,303	1,313
Petroleum and coal products.....	1,778	1,820	1,852	1,835	1,875	1,862	363	386	397	362	373	382
Rubber and plastics products, n.e.c.....	1,163	1,155	1,164	1,142	1,142	1,149	364	371	371	366	370	378
All other nondurable goods industries.....	17,043	16,844	16,676	17,062	16,790	16,672	7,743	7,647	7,585	7,726	7,420	7,412
Work in process												
All manufacturing industries, total..	17,980	17,901	17,955	17,933	17,923	17,880	20,570	20,750	20,597	20,350	20,352	20,239
Durable goods industries, total.....	14,657	14,530	14,591	14,617	14,555	14,470	10,149	10,063	9,949	9,706	9,716	9,754
Stone, clay, and glass products.....	181	186	192	167	181	191	840	840	829	796	810	811
Primary metals.....	1,846	1,844	1,818	1,817	1,817	1,789	1,764	1,757	1,742	1,697	1,696	1,724
Machinery (electrical and nonelectrical). .	5,305	5,192	5,223	5,192	5,145	5,158	3,680	3,621	3,575	3,515	3,458	3,464
Transportation equipment.....	4,329	4,395	4,414	4,433	4,454	4,327	870	881	869	878	895	851
All other durable goods industries.....	2,996	2,914	2,944	3,008	2,958	3,005	2,995	2,961	2,934	2,820	2,857	2,904
Nondurable goods industries, total.....	3,323	3,371	3,364	3,316	3,368	3,410	10,421	10,687	10,648	10,644	10,636	10,485
Chemicals and allied products.....	542	542	550	540	540	545	1,876	1,891	1,860	1,831	1,820	1,839
Petroleum and coal products.....	365	381	392	367	383	396	1,064	1,085	1,077	1,106	1,119	1,084
Rubber and plastics products, n.e.c.....	176	176	174	180	180	179	605	606	605	600	592	592
All other nondurable goods industries....	2,240	2,272	2,248	2,229	2,265	2,290	6,876	7,105	7,106	7,107	7,105	6,970

^PPreliminary.^rRevised.

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Table 4.--VALUE OF MANUFACTURERS' SHIPMENTS, ORDERS, AND INVENTORIES, BY MARKET CATEGORIES: OCTOBER 1963

(Millions of dollars)

Item	Seasonally adjusted			Without seasonal adjustment ¹			Seasonally adjusted			Without seasonal adjustment		
	Oct. 1963P	Sept. 1963R	Aug. 1963	Oct. 1963P	Sept. 1963R	Aug. 1963	Oct. 1963P	Sept. 1963R	Aug. 1963	Oct. 1963P	Sept. 1963R	Aug. 1963
	Shipments						Total inventories					
All manufacturing industries, total..	35,157	34,672	34,736	36,769	36,028	33,761	59,408	59,087	58,917	59,116	58,837	58,681
Durable goods industries.....	18,489	17,957	18,160	19,075	18,278	16,880	35,676	35,536	35,507	35,395	35,370	35,301
Nondurable goods industries.....	16,668	16,735	16,576	17,694	17,750	16,881	23,732	23,551	23,410	23,721	23,467	23,380
Market categories:												
Home goods and apparel.....	3,230	3,201	3,287	3,684	3,656	3,702	6,174	6,149	6,040	5,914	6,018	6,123
Consumer durables.....	1,566	1,372	1,416	1,527	1,533	1,509	2,935	2,865	2,855	2,828	2,813	2,844
Consumer staples.....	7,251	7,337	7,278	7,647	7,797	7,244	9,489	9,447	9,438	9,829	9,613	9,378
Equipment and defense products, except automotive.....	4,394	4,314	4,351	4,318	4,410	4,144	12,190	12,249	12,172	12,059	12,086	12,071
Defense products ²	2,187	2,133	2,353	2,147	2,192	2,193	5,506	5,571	5,496	3,504	5,544	5,460
Automotive equipment.....	3,781	3,573	3,406	3,983	3,206	2,221	3,315	3,268	3,331	3,356	3,383	3,244
Construction materials, supplies, and intermediate products.....	2,900	2,762	2,793	3,112	2,997	3,029	5,118	5,099	5,146	5,026	5,075	5,144
Other materials and supplies and intermediate products.....	13,601	13,485	13,621	14,025	13,962	13,421	23,122	22,875	22,790	22,932	22,662	22,721
	New Orders						Unfilled orders					
All manufacturing industries, total..	35,285	34,991	33,938	36,537	36,217	33,779	50,137	49,982	49,552	49,905	50,131	49,945
Durable goods industries.....	18,588	18,244	17,068	18,849	18,502	16,946	47,238	47,070	46,695	47,071	47,306	47,086
Nondurable goods industries.....	16,697	16,747	16,870	17,688	17,715	16,833	2,899	2,912	2,857	2,834	2,825	2,859
Market categories:												
Home goods and apparel.....	3,215	3,177	3,581	3,649	3,584	3,679	1,962	1,989	1,987	1,957	2,001	2,066
Consumer durables.....	1,388	1,312	1,426	1,526	1,461	1,524	1,325	1,254	1,315	1,365	1,364	1,435
Consumer staples.....	7,237	7,334	7,277	7,622	7,805	7,239	(³)	(³)	(³)	(³)	(³)	(³)
Equipment and defense products, except automotive.....	4,077	4,424	4,592	3,933	4,597	4,434	26,464	26,664	26,484	26,500	26,906	26,721
Defense products ²	2,059	2,466	2,357	2,040	2,686	2,345	19,742	19,746	19,399	19,898	20,010	19,524
Automotive equipment.....	3,775	3,553	2,492	3,981	3,208	2,349	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Construction materials, supplies, and intermediate products.....	2,923	2,712	2,917	3,039	2,898	3,081	5,132	5,116	5,133	5,036	5,113	5,210
Other materials and supplies and intermediate products.....	14,058	13,791	13,079	14,313	14,125	12,997	16,579	16,213	15,948	16,412	16,111	15,948

¹Shipments and new orders adjusted for trading-day and calendar month variation; unfilled orders and inventories as of end of month.²The defense equipment consists of the following categories: communication equipment, aircraft and parts, and ordnance. The aircraft parts component is classified in the market category, "Other materials and supplies and intermediate products," while the other series are classified in the market category, "Equipment and defense products, except automotive."³Included with "Home goods and apparel."⁴Included with "Equipment and defense products, except automotive".